**Project Development Phase**
**Model Performance Test**

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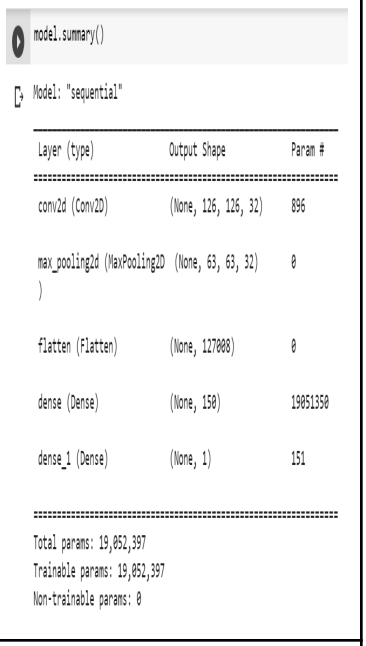
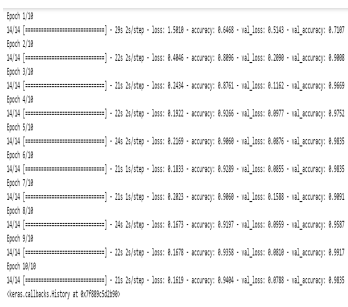
| Date | 10 November 2022 |
| Team ID | PNT2022TMID08252 |
| Project Name | Emerging methods for early detection of forest fires |
| Maximum Marks | 10 Marks |

## Model Performance Testing:

Project team shall fill the following information in the model performance testing template.

| S.no | Parameter | Values | Screenshot |
|---|---|---|---|
| 1. | Model summary | As the threat of forest fire increases due to climatic changes, the need for finding a detection system increases. We proposed a Deep-learning based model for early detection of forest fires. The proposed model successfully classifies the images into fire and no fire, and sends alert messages in case of fire. Thus, the Deep learning algorithms proved their efficiency in detecting different objects. |  |
| 2. | Accuracy | Training accuracy- 92% - 98%<br>Validation accuracy- 95% |  |